CONSTRUCTION DOCUMENTATION REVIEW PACKAGE CHECKLIST

Check off each item that is included within the submitted Construction Documentation checklist. Provide a written explanation for any omissions.

CIVIL
- DD Phase Comments Incorporated into CD Drawings
- Final Plans Documented, Including Site Details
- SWPP Plan
- Construction Logistics, Including Construction Fence, Project Limits and Staging Areas
- Final Specifications
  - Division 31 Earthwork
  - Division 32 Paving
  - Division 33 Site Utilities
  - UH Master Specifications in UH Format
- Proposed Variances, if any, Identified and Submitted
- Cost Estimate of Site Work

LANDSCAPE
- DD Phase Comments Incorporated into CD Drawings
- Final Plans Documented, Including Site Details
- Full Specifications
  - Tree Protection
  - Planting
  - Irrigation
  - Site Furnishings
  - UH Master Specifications in UH Format
- Proposed Variances, if any, Identified and Submitted
  - Determine Structural System

STRUCTURE
- DD Comments Incorporated into CD Drawings
- Final Plans and Details Documented
  - Final Clash Detection of Architecture, Structure and MEP Systems Completed
- Final Specifications
  - Final Sections in CSI Master Spec Format
  - UH Master Specifications in UH Format
- Proposed Variances, if any, Identified and Submitted

ARCHITECTURE + INTERIORS
- Pending Issues Report (Copy of Spreadsheet Tracking Open Design and Coordination Issues)
- DD Comments Incorporated into CD Drawings
<table>
<thead>
<tr>
<th>Checklist Item</th>
<th>Status</th>
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<tbody>
<tr>
<td>General Drawings Complete</td>
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<tr>
<td>Site Plan Complete</td>
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<tr>
<td>Site Lighting Foot Candle AnalysisSubmitted for Review</td>
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<tr>
<td>Floor Plans and Details Complete</td>
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<tr>
<td>Interiors Complete</td>
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<tr>
<td>Final Finish Plans and Schedules</td>
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<tr>
<td>Final Interior Finishes Presentation to FP&amp;C Complete</td>
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<tr>
<td>Final Specifications</td>
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<tr>
<td>UH Master Specifications in UH Format</td>
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<tr>
<td>Final Elevations with Dimensions, Notes and Sections Referenced</td>
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<tr>
<td>Final Interior Details</td>
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<tr>
<td>Final Furniture Plans, with Power, IT and AV Coordinated</td>
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<tr>
<td>Casework and Built-in Fixtures, Equipment and Appliances Included</td>
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<tr>
<td>All Special Equipment Described and Scheduled</td>
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<tr>
<td>Drawings by Laboratory, Food Service, AV, IT Security and other Specialty Consultants Included</td>
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<tr>
<td>Exterior Elevations, Window Schedule and Details Complete</td>
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<tr>
<td>Final Exterior Materials Presentation to FP&amp;C Complete</td>
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<tr>
<td>Building Sections Complete</td>
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<tr>
<td>Wall Sections and Details Complete</td>
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<tr>
<td>Reviews of Wall Sections and Details Submitted by Envelope Consultant</td>
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<tr>
<td>Design Coordination</td>
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<tr>
<td>Final Clash Detection of Architecture, Structure, MEP/FP and IT Systems Complete</td>
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<tr>
<td>Renderings Updated and in Color</td>
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<tr>
<td>LEED Checklist</td>
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<tr>
<td>Final Annotated Checklist Required for All Projects, both “Design and Certify to LEED” and “Design to LEED”</td>
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<tr>
<td>SECO Compliance</td>
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<tr>
<td>Final Worksheets Demonstrating Compliance with SECO Building Envelope Standards</td>
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<tr>
<td>FP&amp;C to Review Documentation Prior to Submittal to SECO</td>
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<tr>
<td>Final Specifications Complete</td>
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<tr>
<td>Final Sections in CSI Master Spec Format for all Component Systems, Materials and Equipment</td>
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<tr>
<td>UH Master Specifications in UH Format</td>
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<tr>
<td>Building Maintenance Review</td>
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<td>Final Maintenance Review</td>
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<td>Final Maintenance Review with Facilities Services</td>
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<td>Third Party Cost Estimate</td>
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<td>Updated and Final</td>
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<td>Bid Alternates</td>
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<td>Identified and Estimated</td>
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<tr>
<td>Proposed Variances, if any, Identified and Submitted</td>
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</tbody>
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FURNITURE
- Furniture Planner to Review Furniture Selection and Fabrics for Compliance with UH Standards
- Final Specifications and Bidding Documents Complete

ELEVATORS
- Final Enlarged Plans, Sections and Elevations
- Fully Coordinated with Power, Plumbing, Fire Protection, Mechanical and Security
- Final UH Division 14 Master Spec(s) included in UH Format
- Proposed Variances, if any, Identified and Submitted

FIRE PROTECTION
- DD Comments Incorporated into CD Drawings
- Fire Pump and Break Tank are Sized and Shown, if Required
- Fire Protection System Zoned and Hazard Classifications Defined
- Special Fire Protection System Areas Shown (Dry, Pre-action, Chemical, etc.)
- Clash Detection performed with Structure, MEP and IT Systems
- Final Fire Protection Riser Diagram
- Final Hydraulic Calculations
- Final Fire Protection Details (Control Valves, Flow Switches, etc.)
- Proposed Variances, if any, Identified and Submitted

MECHANICAL
- DD Comments Incorporated into CD Drawings
- Final Demolition Plan
- Final Site Plan
- Final HVAC Floor Plans, Including Lab Ventilation Systems and Fire/Smoke Dampers Shown in Fire Rated Walls
- Final Plan Diagrams with HVAC Zoning
- Final Piping Floor Plans
- Final Clash Detection of Architecture, Structure, MEP/FP and IT Systems Complete
- Final Enlarged Mechanical Room and Mechanical Yard Plans, Showing All HVAC Equipment (Pumps, Fans, AHUs, Chiller, Boiler, etc.)
- Final Equipment Schedules
- Final Air and Chilled/Hot Water Flow Diagrams
- Final Mechanical Details
- Final Specifications with UH Master Specification in UH Format
- Proposed Variances, if any, Identified and Submitted

ELECTRICAL
- DD Comments Incorporated into CD Drawings
- Final Demolition Plan
Final Site Plan
Final Site Lighting Layout with Photometric Analysis
Final Grounding Systems Plan
Final Grounding System Riser Diagram
Final Single Line Diagram with Load Analysis, Main Feeder and Branch Sizing – All Conductors Must Be Copper
Final Interior Lighting Plans with Photometric Analysis and Circuiting
Final Lighting Details
Final Fixture Schedule
Final Lighting Control Plans
Final Power Plans Showing All Equipment (Including Elevator), Devices and Circuiting
Final Electrical Installation Details
Final Enlarged Electrical Room Plans Showing All Electrical Equipment Locations
Final Special Systems Layout, if any
Final Emergency Generator Plans; Generator Sized for Life Safety Loads, Standby Loads and Optional Loads Approved by UH
Final Panel Schedules with Complete Circuit Information
Final Fire Alarm Riser and Plans
Final Specifications in UH Master Specification Format
Proposed Variances, if any, Identified and Submitted

PLUMBING
DD Comments Incorporated into CD Drawings
Final Demolition Plan
Final Site Plan
Final Floor Plans with Pipe Sizes, Floor Drains, Equipment (Pumps, Softeners, Mixing Valves, Elevator pit Sump Pumps, Heaters, Backflows, etc.) and Service Access Shown
Final Roof Plan
Final Plumbing Fixtures Schedule
Final Plumbing Equipment Schedules
Final Plumbing Details
Natural Gas, etc.
Clash Detection of Architecture, Structure, MEP/FP and IT Systems Complete
Final Equipment and Mains for Gas and Compressed Air Systems Shown
Final Specifications in UH Master Specification Format
Proposed Variances, if any, Identified and Submitted

BUILDING MANAGEMENT SYSTEMS
DD Comments Incorporated into CD Drawings
Final Control Diagrams with a list of Control Points and Sequence of Operations
Final Specifications per UH Division 25 Master Specifications Included in UH Format
Proposed Variances, if any, Identified and Submitted
TELECOM-IT
☐ DD Comments Incorporated into CD Drawings
☐ Final Scope Matrix
☐ Final Telecom Site Plan
☐ Final Telecom Riser Diagram
☐ Final Floor Plans and Reflected Ceiling Plans, Fully Coordinated with Architecture, MEP/FP, AV, Security, EAC and Furniture
☐ Final Enlarged BDF and IDF Plans and Elevations
☐ Final Rough-in Details
☐ Final Specifications in UH Master Specification Format, Identifying Proposed Products
☐ Proposed Variances, if any, Identified and Submitted

AUDI0 VISUAL
☐ DD Comments Incorporated into CD Drawings
☐ Final Scope Matrix
☐ Final Floor Plans and Reflected Ceiling Plans, Fully Coordinated with Interior Elevations, Furniture, Power, Lighting and Communications
☐ Final Rough-in Details for All AV Spaces and Equipment
☐ Final Specifications and AV Equipment in UH Master Specification Format
☐ Proposed Variances, if any, Identified and Submitted

SECURITY
☐ DD Comments Incorporated into CD Drawings
☐ Final Scope Matrix
☐ Final Site Plan and Exterior Camera Schedule
☐ Final Pole-Mounted and Building-Mounted Camera Details
☐ Final Reflected Ceiling Plans and Elevations, Fully Coordinated with Interior Elevations, Power and Communications
☐ Simulated Camera Views for Each Camera
☐ Final Camera Schedule
☐ Final Specifications in UH Master Specification Format, Identifying Proposed Products
☐ Proposed Variances, if any, Identified and Submitted

ELECTRONIC ACCESS CONTROL
☐ DD Comments Incorporated into CD Drawings
☐ Final Scope Matrix
☐ Final Floor Plans and Elevations
☐ Final Schedule of Doors and Openings Receiving EAC, with All Related Equipment, Fully Coordinated with Door Hardware, Power and Communications
☐ Final Door Details for Wi-Fi and POE Access Control Systems
☐ Final Diagrams of Conduit, Raceway Systems, Power Supply and Data Circuits with “Points of Connection” Shown Between Work by Owner and Work by Contractor
☐ Final Sequence of Operations Diagrams
☐ EAC QA/QC Form Complete and Submitted to EAC for Review and Adjustment
☐ Final Department Work Spaces Outlined, Including All Interdepartmental Areas and Shared Spaces
☐ Finalized List of All Faculty, Staff and Students That Require Access the Building and Rooms
☐ Final Specifications in UH Master Specification Format
☐ Proposed Variances, if any, Identified and Submitted

I confirm that the above minimum requirements are provided within the Construction Documentation Review Package, or that I have provided an explanation for any omissions.

__________________________________________________________
Signature

__________________________________________________________
Date

__________________________________________________________
Printed Name

- END OF CONSTRUCTION DOCUMENTATION REVIEW PACKAGE CHECKLIST -